

D 26  
cont

(Promega). Four copies of the VEGF target sites were inserted upstream of the SV40 promoter, which is driving the firefly luciferase gene, in the plasmid pGL3-Control to create pVFR1-4x. This plasmid contains the SV40 enhancer and expresses firefly luciferase to high levels in many cell types. Insertions were made by ligating together tandem copies of the two complementary 42-bp oligonucleotides, JVF9 and JVF10, described in Example II. Adaptor sequences were ligated on, and the assembly was inserted into the MluI/BglII sites of pGL3-Control. This resulted in the insertion of the following sequence between those sites:

ACGCGTaagcttGCTAGCGAGCGGGGAGGATCGCGGAGGCTTGGGGCAGCCGGG  
TAGAGCGAGCGGGGAGGATCGCGGAGGCTTGGGGCAGCCGGGTAGAGCGAG  
CGGGGAGGATCGCGGAGGCTTGGGGCAGCCGGGTAGAGCGAGCGGGGAGGA  
TCGCGGAGGCTTGGGGCAGCCGGGTAGAGCGCTCAGaagcttAGATCT (SEQ ID  
NO:40).--

In the claims:

D 27  
SUB E1)

118. (Amended) A method of inhibiting expression of an endogenous cellular gene in a cell, the method comprising the step of:  
contacting a first target site in the endogenous cellular gene with a first zinc finger protein, wherein said first zinc finger protein is engineered and wherein the Kd of the zinc finger protein is less than about 25 nM;  
thereby inhibiting expression of the endogenous cellular gene.

D 28  
SUB E2)

141. (Amended) A method of activating expression of an endogenous cellular gene, the method comprising the step of:  
contacting a first target site in the endogenous cellular gene with a first zinc finger protein, wherein said first zinc finger protein is engineered and wherein the Kd of the zinc

*D 28*  
*cont*  
finger protein is less than about 25 nM;

thereby activating expression of the endogenous cellular gene.

*SUB E2*  
*cont*  

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163. (Amended) A method of modulating expression of an endogenous cellular gene in a cell, the method comprising the step of:

*cont*  
*D 29*  
*SUB E3*  
contacting a first target site in the endogenous cellular gene with a first zinc finger protein, wherein said first zinc finger protein is engineered;

thereby modulating expression of the endogenous cellular gene.

Attached hereto is a **version showing changes made to the** specification.

Additions are underlined and deletions are indicated using strike-outs. Also attached hereto is a **version showing changes made to the claims** (additions underlined and deletions bracketed) and a **currently pending claim set**.